

# **GREELEY AUTOMOTIVE MACHINE, INC.**

**Northern Colorado's Most Complete Automotive Machine Shop**

404 8th. Ave.

Greeley, CO 80631

Phone:(970) 352-4342 - FAX: (970) 356-1877

(effective 1/1/2022) Prices subject to change without notice

We offer custom machine work & exchanges

## **Shop Work:**

1003 General work.....\$120.00 hr.

## **Align Boring Operations:**

1000 Torque mains & check line bore.....75.00  
1001 Check mains & touch up .....125.00  
1011 Touch up line bore medium duty.....150.00  
1012 Touch up cam tunnel.....60.00  
1002 Check line bore in new block.....50.00  
1006 Check line bore heavy duty.....140.00

### **Align Honing**

1007 7 mains.....250.00  
1005 5 mains.....200.00  
1004 4 mains or less .....190.00  
1008 Heavy duty up to 5" main.....120.00 hr.  
1013 Add for main studs.....30.00  
1016 Add for bedplate style mains.....60.00

### **Align Boring**

1010 Align boring, blocks, cam bearings & main bores.....120.00 hr.  
1015 Cut seal surface on 400 Chevy.....60.00  
1017 Machine block for 1 piece rear main seal.....120.00  
1030 Line bore & hone block for large cam bearings.....550.00  
1033 Line bore block for roller cam bearings.....960.00  
1035 Regroove cam tunnel.....150.00  
1025 Install aftermarket main caps, line bore, finish hone.....960.00

## **Assembly & Disassembly:**

### **Assembly:**

2004 4 cyl. short block.....350.00  
2006 6 cyl. short block.....400.00  
2008 V-8 short block.....450.00  
2009 Race short block.....700.00  
2014 4 cyl. complete.....580.00  
2015 4 cyl. SOHC .....780.00  
2017 4 cyl. DOHC .....880.00  
2016 6 cyl. complete.....680.00  
2019 6 cyl. OHC .....880.00  
2021 6 cyl. DOHC .....980.00  
2018 V-8 complete.....780.00  
2028 V-8 SOHC .....980.00  
2038 V-8 DOHC .....1,000.00  
2029 V-10 SOHC.....1,180.00  
2020 Race engine wet sump.....1,000.00  
2030 Race engine dry sump.....1,200.00  
2040 Heavy duty truck & tractor.....120.00 hr.  
2050 Install accessories .....120.00 hr.  
2051 Assemble engine.....120.00 hr.  
2061 Assemble L-6 medium duty diesel .....900.00  
2060 Assemble V-8 medium duty diesel .....1,100.00

**Disassembly:**

2104	4 cyl. short block.....	110.00
2114	4 cyl. complete.....	160.00
2106	6 cyl. short block.....	150.00
2116	6 cyl. complete.....	180.00
2108	8 cyl. short block.....	130.00
2118	8 cyl. complete.....	200.00
2107	Medium duty diesel .....	300.00
2119	8 cyl. race dry sump complete .....	250.00
2109	Disassemble engine .....	120.00 hr.
2110	Remove Accessories.....	120.00 hr.
2111	Disassemble V-10 complete.....	230.00

**Balance Engine Assembly:**

3000	V-8 .....	260.00
3003	V-6 .....	260.00
3006	Inline 6 cyl.....	210.00
3004	4 cyl.....	190.00
3007	L-6 Medium duty diesel .....	300.00
3008	V-8 Medium duty diesel .....	400.00
3010	Truck & tractor.....	120.00 hr.
3002	Change balance on flywheel to match another flywheel.....	120.00 hr.
3015	Balance part.....	120.00 hr.
3020	Install heavy metal .....	80.00 ea.
3021	Install 2 or more pieces, heavy metal .....	70.00 ea.

**Bell Housing Operations:**

3100	Realign bell housing dowels in block (small block chevy).....	120.00 hr.
3105	Dial indicate bell housing for concentricity.....	120.00 hr.

**Cam Bearing Installation:**

3200	One only.....	30.00
3210	Light duty set.....	60.00
3212	Medium duty diesel set.....	80.00
3215	Install race or roller cam bearing sets.....	100.00
3220	Heavy duty truck & tractor sets.....	100.00

**Camshaft Operations:**

3300	Degree camshaft.....	120.00 hr
7920	R & R cam gear.....	46.00

**Chassis Dyno:**

9630	Diesel emission test.....	70.00
9631	Diesel emission retest.....	65.00
9640	VIN verification.....	20.00
9650	Stamp vehicle (Rebuilt From Salvage).....	30.00

**Cleaning Operations:**

4000	Block pass. & lt. truck.....	120.00
4005	Medium duty diesel block.....	150.00
4010	Heavy duty block.....	250.00
4001	Final wash light duty block.....	30.00
4002	Final wash medium duty block.....	40.00
4003	Final wash heavy duty block.....	50.00
4020	Clean light duty heads.....	30.00 ea.
4022	Clean medium duty head per cylinder.....	10.00 cyl.
4023	Clean heavy duty head per cylinder.....	20.00 cyl.

4030	Intakes cast.....	60.00
4040	Intake aluminum (inc. glass beading).....	60.00
4050	Complete engine assembly.....	250.00
4051	Clean short block assembly.....	175.00
4055	Clean complete medium duty diesel .....	350.00
4060	Glass beading.....	120.00 hr
4070	Prepare pistons for reuse (each).....	10.00 ea.
4080	Chemical cleaning of steel or alum. parts.....	120.00 hr
4081	Clean light duty connecting rod.....	5.00 ea.
4082	Clean medium duty connecting rod.....	6.00 ea.
4083	Clean heavy duty connecting rod.....	7.00 ea.
4084	Remove rings from piston.....	3.00 ea.
4090	Wash block only .....	75.00
4091	Clean light duty crankshaft.....	20.00
4092	Clean medium duty crankshaft.....	40.00
4093	Clean heavy duty crankshaft.....	75.00

### Complete Engine Rebuild:

5004	Complete 4 cyl.....	2,200.00 + parts
5014	Complete 4 cyl. - less assembly.....	1,428.00 + parts
5044	Complete 4 cyl – OHC.....	2,378.00 + parts
5015	Complete 4 cyl – DOHC .....	2,578.00 + parts
5017	Complete 4 cyl OHC less assembly .....	1,438.00 + parts
5115	Complete 4 cyl DOHC less assembly .....	1,578.00 + parts
5006	Complete 6 cyl.....	2,576.00 + parts
5016	Complete 6 cyl. - less assembly.....	1,668.00 + parts
5046	Complete 6 cyl – OHC.....	2,737.00 + parts
5047	Complete 6 cyl DOHC .....	2,968.00 + parts
5146	Complete 6 cyl OHC less assembly .....	1,590.00 + parts
5147	Complete 6 cyl DOHC less assembly .....	1,677.00 + parts
5108	Complete V-8.....	2,952.00 + parts
5118	Complete V-8 premium build.....	3,709.00 + parts
5109	Complete V-8 with pin bushings and rocker shafts.....	3,194.00 + parts
5119	Complete V-8 premium build with pin bushings and rocker shafts.....	4,015.00 + parts
5018	Complete 8 cyl. - less assembly.....	1,972.00 + parts
5148	Complete 8 cyl – SOHC.....	3,120.00 + parts
5059	Complete V-8 DOHC .....	3,268.00 + parts
5058	Complete V-8 SOHC less assembly .....	1,798.00 + parts
5149	Complete V-8 DOHC less assembly .....	2,780.00 + parts
5060	Complete V-10 SOHC.....	3,548.00 + parts
5010	Complete V-8 diesel, 6.2, 6.5, 6.9, 7.3.....	4,541.00 + parts
5056	Complete L-6 medium duty diesel .....	3,805.00 + parts
5204	Complete L- head 4 cyl .....	2,453.00 + parts
5206	Complete L- head 6 cyl .....	2,843.00 + parts
5208	Complete L- head V-8 .....	3,358.00 + parts
2050	Install accessories.....	120.00/ hr.
5034	Build short block - 4 cyl.....	1,485.00 + parts
5036	Build short block - 6 cyl.....	1,581.00 + parts
5038	Build short block - 8 cyl.....	1,927.00 + parts

### Connecting Rod Operations:

6002	Check for size 1 only .....	30.00 ea.
6000	Check for size light duty.....	12.00 ea.
6003	Check for size medium duty.....	15.00 ea.
6006	Check for size heavy duty.....	20.00 ea.
6001	Recondition passenger rods, one only.....	40.00 ea.
6004	Recondition medium duty rods in sets.....	60.00 ea.
6005	Resize race rods .....	24.00 ea.
6007	Check rods & light hone.....	16.00 ea.

6008	Hone rod for oversized bearing.....	18.00 ea.
6010	Recondition passenger rods in set .....	20.00 ea.
6015	Recondition heavy duty rods.....	56.00 ea.
6020	Check rods for straightness.....	10.00 ea.
6040	Magnaflux rods using black light.....	10.00 ea.

**Crankshaft Operations:**

( All crankshaft grinding includes chamfering of oil holes & micro polishing ) (cleaning extra)

6115	Polish 1 cyl crank .....	30.00
6100	Polish pass. & lt. truck crank.....	50.00
6107	Polish medium duty crank.....	75.00
6110	Polish heavy duty crank.....	100.00
6120	Grind single cylinder crank.....	50.00
6125	Grind 2 cylinder small crank .....	80.00
6130	Grind pass. & lt. tr. 4 cyl. & V-8.....	150.00
6132	Grind V-10 crankshaft.....	190.00
6135	Grind 4 Cylinder Heavy Duty .....	210.00
6140	Grind pass. & lt. truck 6 cyl.....	165.00
6150	Grind L-8 crank.....	170.00
6160	Grind L -6 Medium duty .....	300.00
6170	Grind large heavy duty 6 cyl.....	500.00
6180	Grind Medium duty V-6 or V-8.....	300.00
6185	Grind large V-8 .....	330.00
6190	Straighten crankshaft.....	120.00 hr.
6195	Weld crankshaft - add to grinding price.....	90.00/ journal
6105	Cross drill crank .....	120.00 hr.
6196	Cut keyway in damper or crank.....	60.00 ea.
6198	Magnaflux using black light inspection.....	45.00
6199	Magnaflux heavy duty crank.....	60.00

**Crack & Warp Check:**

9200	Check one head for cracks, warpage, and leaky valves.....	50.00
9214	Check medium duty head for cracks, warpage, and leaky valves.....	55.00
9215	Check heavy duty head for cracks, warpage, and leaky valves.....	65.00
9210	Check pair of heads for cracks, warpage, and leaky valves.....	70.00
9310	Crack repair.....	120.00 hr.

**Cylinder Operations:**

7014	Measure block and report.....	36.00
8302	Stroker notch block.....	120.00 hr.
7000	Hone & deglaze.....	15.00 per cyl
7012	Hone 1 cylinder with CV616 hone.....	40.00 ea.
7013	Hone medium duty block.....	22.00 per cyl.
7005	Hone V-8 block with torque plate.....	220.00
7017	Hone block oversize with torque plate .....	270.00
7010	O-Ring block deck.....	120.00 hr.

**Bore & Hone Cylinders Up To 4.5**

7004	4 cyl.....	160.00
7006	6 cyl.....	180.00
7007	L-6 Medium duty .....	240.00
7008	V-8.....	240.00
7009	V-8 Medium duty .....	330.00
7045	Bore and Hone V-10.....	250.00
7036	Bore and Hone Duramax.....	420.00
7037	Bore and Hone Duramax with torque plate.....	600.00

7038	Bore and Hone 7.3 Ford Diesel.....	350.00
7039	Bore and Hone 6.0/6.4 Ford Diesel.....	360.00
7001	Bore & Hone Single Cylinder.....	120.00
7001	Bore & Hone 2 Cylinder - Small Engine.....	190.00
7003	Bore & Hone 3 Cylinder - Small Engine.....	220.00
7015	Bore Cyl. Over 4.5" (each).....	44.00
7025	Bore & Hone Heavy Duty Block .....	44.00 per. cyl.
7027	Bore & Hone Big Cylinder (J.D.) .....	220.00 ea.
7018	Bore Block & Finish honing with torque plate V-8.....	360.00
7011	Upcharge for boring cylinder over .060.....	18.00 per cyl.
7019	Install 2 stroke 1 cyl sleeve .....	170.00
7020	Install repair sleeves (each).....	130.00
7030	Install two or more repair sleeves.....	120.00 ea.
7022	Install diesel repair sleeve.....	160.00 ea.
7035	Install sleeves in aluminum race block .....	170.00 ea.
7040	R&R Dry Sleeves.....	76.00 ea.
7050	R&R Wet Sleeves.....	44.00 ea.

**Differential Rebuilding:**

9705	Disassemble and clean diff.....	130.00
9707	Disassemble and clean third member.....	80.00
9700	Set up & assemble diff. no brakes.....	400.00
9710	Set up & assemble diff. with brakes.....	470.00
9720	Set up & assemble drop out third member.....	200.00
9730	Rebuild posi-traction unit.....	130.00
9740	Install lockerspring.....	50.00
9750	Rebuild quick change.....	320.00
9760	Change axle tube.....	105.00
9770	Misc. rear end work.....	120.00 hr.

**Distributor Service:**

9800	Test distributor on Sun machine.....	60.00 ea.
9801	Tune distributor on Sun machine.....	120.00 hr.
9802	Install Pertronix kit in standard application.....	30.00 ea.
9803	Install Pertronix kit in custom application.....	120.00 hr.

**Dynamometer Operations:**

7120	Prep engine for dyno testing.....	220.00
7100	Dyno test and tune customer engine (per 8hr day).....	1,000.00
7105	1/2 day dyno (4 hrs.).....	600.00
7110	Dyno test and tune dry sump engine .....	1,100.00
	* Fuel, oil & filters for testing engine extra	

**Flow Testing:**

9900	Flow test heads, carbs & components (per hour).....	120.00
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**Flywheel Operations:**

7200	Surface pass. & lt. truck - single surface.....	60.00
7210	Surface pass. & lt. truck - dual surface.....	66.00
7205	Surface medium duty diesel single surface.....	70.00
7220	Surface heavy duty single surface.....	84.00
7230	Surface heavy duty dual surface.....	104.00
7240	Install or flip ring gear.....	48.00
7250	Surface dual mass flywheel.....	100.00
7225	Surface dual surface dual mass flywheel.....	120.00

**Freeze Plug Installation:**

7300	Per set.....	40.00
7305	Install oil galley plugs .....	20.00

**Head Rebuilding:**

9420	Estimate repairs, 4 cyl head.....	55.00
9430	Estimate repairs, 6 cyl heads.....	60.00
9440	Estimate repairs, 8 cyl. heads.....	72.00
9406	Labor to rebuild 6 cyl. head(s).....	500.00 + parts
9400	Labor to rebuild Small Block Chevy heads.....	600.00 + parts
9411	Labor to rebuild V-8 Heads.....	700.00 + parts

**Injector Sleeves:**

9570	Install IH injector sleeves.....	30.00 ea.
9575	Install Detroit injector sleeves.....	60.00 ea.
9580	Install Cummins injector sleeves.....	60.00 ea

**Lifter Operations:**

7500	True & sleeve lifter bores (per set).....	500.00 plus sleeves
7510	True lifter bores for larger lifters (no sleeves/per set).....	450.00
7515	Hone lifter bores.....	60.00 set
7520	Fit lifter bores in new bock.....	120.00 hr

**Magnaflux Operations:**

6198	Light duty crankshafts (black light inspection).....	45.00
6199	Heavy duty crankshafts (black light inspection).....	60.00
6040	Rods in sets (black light inspection/each).....	10.00 ea.
7600	Light duty block.....	48.00
7605	Medium duty block.....	64.00
7607	Heavy duty block.....	85.00
7610	Cylinder heads (each) or pair.....	28.00
	*Cleaning extra	

**Miscellaneous Operations:**

1009	Welding (\$30 minimum).....	120.00 hr.
1100	Check compression ratio .....	75.00
1105	Check piston to valve clearance.....	120.00 hr.
1107	File fit rings.....	120.00 hr.
8477	Check chamber CC's - one chamber.....	25.00
8478	Check chamber CC's - V-8 heads.....	120.00 pr.
9300	Sonic check V-8 block.....	155.00
9305	Sonic check V-6 block.....	120.00
9304	Sonic check 4 cyl. block.....	90.00
9550	Modify oil pump .....	80.00

**Pin Fitting Operations:**

7700	Hone pistons to fit pin.....	7.50 ea.
7710	Light hone of race rods to fit pins.....	7.50 ea.
7720	Fit pin bushings (up to 1.0" ).....	14.00 ea.
7730	Fit pin bushings (over 1.0" to 1.5" ).....	16.00 ea
7735	Fit pin bushings (over 1.5" ) .....	20.00 ea.
7740	Install pin bushings.....	10.00 ea.
7745	Install HD tapered pin bushings .....	20.00 ea
7810	R & R piston with press fit pins.....	12.00 ea.
7780	Fit king pin bushings (light duty).....	64.00 pr.
7790	Fit king pin bushings (medium duty).....	70.00 pr.

7795	Fit king pin bushings (heavy duty).....	80.00 pr.
7797	Install king pin bushings.....	24.00/spindle
7799	Install & fit pin bushings – V 8 pass & lt. truck.....	126.00/set
7798	Install & fit pin bushings – V 8 race rods.....	140.00/set

**Piston Operations:**

7806	Remove race pistons from rods .....	8.00 ea.
7811	Install pistons on rods press fit.....	8.00 ea.
7812	Remove piston from rod.....	5.00 ea.
7807	Install race pistons on rods.....	12.00 ea.
7810	R & R pistons on rods with press fit pins in sets.....	12.00 ea.
7805	R & R piston on rod (single).....	24.00 ea.
9500	Fly cut pistons.....	120.00 hr.
7815	Deburr pistons .....	8.00 ea

**Porting Cylinder Heads:**

9120	Pocket porting only.....	245.00 pr.
9122	Port Cyl. Head.....	120.00 hr.

**Press Operations:**

7910	R&R axle bearing.....	80.00
7905	R&R axle bearing with backing plate.....	120.00
7920	R & R cam gear.....	46.00
7930	R & R Power Steering Pulley.....	28.00
7960	Press parts.....	120.00 hr.

**Pressure Testing:**

8000	Pass. & light truck heads single.....	64.00
8030	Pass. & light truck heads pair .....	90.00
8010	Medium duty cyl. heads .....	90.00
8020	Block .....	120.00

**Reface Rocker Arms:**

8100	Single rockers.....	16.00
8110	4 cyl. shafts (dis., clean, reface & assemble.).....	96.00
8120	6 cyl. shafts (dis., clean, reface & assemble.).....	150.00
8130	V-8 shafts (dis., clean, reface & assemble.).....	180.00

**Rocker Studs & Guide Plates:**

8200	R & R press in studs single.....	30.00
8210	R & R press in studs sets (each).....	10.00
8220	Install screw in studs single.....	30.00
8230	Install screw in studs sets (each).....	9.00
8240	Cut to install screw in studs & guide plates (each).....	10.00
	*Extra charge for broken studs	

**Surfacing Operations:**

**Surface Heads**

8401	1 cyl. head or block.....	60.00
8402	2 cyl.....	65.00
8403	3 cyl.....	65.00
8404	4 cyl.....	65.00
8405	5 cyl.....	65.00
8406	L-6 cyl.....	65.00
8407	L-6 Medium duty .....	150.00
8416	V-6 pairs .....	105.00

8408	V-8 pairs.....	105.00
8411	V-8 Medium duty .....	180.00
8409	V-10 pairs.....	130.00
8410	Heavy duty (per cyl.).....	40.00
8412	Medium duty 4 cyl.....	105.00
8414	H-4 pairs.....	105.00
8415	Angle Mill Heads(Includes correct intake surface and spot face bolt holes / pr.....	500.00

**Surface Block**

8424	4 cyl.....	100.00
8426	6 cyl.....	120.00
8427	L-6 Medium duty .....	230.00
8436	V-6 .....	190.00
8428	V-8.....	190.00
8429	V-8 Medium duty .....	260.00
8431	V-10 .....	220.00
8430	Heavy duty (per cyl.).....	55.00
8450	True decks using BHJ fixture.....	250.00
8465	Surface 4 or 6 cyl. intake manifold.....	55.00
8470	Surface exhaust manifold.....	55.00
8476	Surface V-8 or V-6 Intake Manifold.....	120.00

**Thread Repair Operations:**

8500	Remove broken bolts or studs.....	120.00 hr
8510	Helicoil threads.....	30.00 ea.
8515	Helicoil threads 2 or more .....	20.00 ea.
8520	Repair spark plug threads.....	50.00 ea.

**Valve Jobs Complete:**

All complete valve jobs include:

- Disassembly
- Magnafluxing
- Check for warpage
- Check valves & valve guides for wear
- Resurface valves
- Resurface seats using three angles
- Check spring tension
- Reassemble

9000	1 cyl. head or L-head block.....	60.00
9033	1 cyl. 4 or 5 VPC .....	125.00
9001	V-Twin (per pair).....	150.00
9002	2 cyl. heavy duty head (JD).....	175.00
9003	4 cyl. 5 valve per cylinder .....	315.00
9004	4 cyl. pass. & lt. truck and antique tractor.....	160.00
9005	4 cyl. OHC (includes R&R cam & lifters).....	190.00
9006	4 cyl. with 3 valve per cylinder.....	240.00
9007	4 cyl. 4 valve/cyl. OHC with puck adjusters .....	450.00
9008	4 cyl. air cooled per cylinder.....	55.00
9009	4 cyl. 4 valve per cylinder.....	290.00
9010	4 cyl. L-head (with adj. lifters).....	385.00
9011	4 cyl. heavy duty head.....	210.00
9031	Medium duty 4 valve per cyl (per cyl).....	70.00
9012	Heavy duty 4 valve per cyl (per cyl.).....	105.00
9013	5 cyl. 4 valve per .....	350.00
9016	6 cyl. & V-6 light duty.....	210.00
9017	6 cyl. OHC (inc. R&R cam & lifters) 2 valve per cylinder.....	315.00
9034	L-6 Medium duty 2 valves per cyl.....	245.00
9035	L-6 4 VPC medium duty .....	420.00



9038	6 cylinder DOHC with pucks .....	530.00
9027	6 cylinder 4 valve per cylinder.....	350.00
9018	V-6 OHC with puck adjustment 2 valves per cyl (Toyota) .....	435.00
9019	6 cyl. L-head (with adjustable lifters).....	455.00
9021	6 cyl. heavy duty heads 2 valves per cyl.....	280.00
9022	V-8 light duty.....	210.00
9032	V-8 Medium duty 2 valve per cyl.....	315.00
9036	V-8 4 VPC medium duty .....	560.00
9023	V-8 heavy duty heads.....	385.00
9029	V-8 OHC .....	350.00
9024	V-8 L-head (with adjustable lifters) Includes assembly.....	770.00
9037	V-8 L-head no assembly .....	530.00
9025	V-8 competition.....	210.00
9026	V-8 Aluminum race head with titanium valves.....	300.00
9028	V-10 (Dodge) .....	280.00
9030	V-10 OHC (Ford).....	385.00

**Valve Jobs Partial:**

9100	Reface valves (single).....	14.00 ea.
9101	Sets.....	5.00 ea.
9102	Resurface valve seats (single).....	25.00 ea.
9103	Sets.....	8.00 ea.
9104	R&R replaceable seats.....	14.00 ea.
9105	Cut for and install seats.....	14.00 ea.
9107	R&R valve guide (single).....	25.00 ea.
9108	Sets.....	8.00 ea.
9109	R&R Heavy duty guides.....	10.00 ea.
9114	Cut for PC Seals.....	5.00 ea.
9115	Cut for large valve springs.....	5.00 ea.
9116	Set spring heights.....	5.00 ea.
9117	Install & hone Bronze valve guides.....	15.00 ea.
9118	Hone valve guides .....	10.00 ea.
9119	O-ring head.....	120.00 hr.

**Welding:**

1009	Welding (\$30 minimum).....	120.00 hr.
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Other machining operations are also available upon request.

We carry a full line of engine parts (high performance & stock) and quality engine kits.